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49, 73760 Ostfildern (DE). KNECHT, Andreas [DE/DE];For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.(54) Title: VARIABLE VALVE LIFT DEVICE FOR THE LIFT ADJUSTMENT OF GAS-EXCHANGE VALVES OF AN INTER-  
NAL COMBUSTION ENGINE(57) Abstract: In order to produce a variable valve lift device for the lift adjustment of the gas-exchange valves of an internal  
combustion engine, by means of which with adjustment forces and holding forces, independently from whether said holding forces  
and adjustment forces are applied mechanically, hydraulically or electrically, with an adjustment of the valve lift being as cost-  
effective as possible, and with maximum accuracy of the adjustment or control of the valve lift to be taken between the individual  
cylinders of a multi-cylinder internal combustion engine, and, moreover, the adjustment possibility of the valve lift of the valves of  
an internal combustion engine with several cylinders is obtained within smallest tolerances, it is suggested that a valve lift device (1)  
has a rotatable eccentric shaft (3), which consists of several eccentrics (4, 5) and whereby all possible contours of the eccentrics (4,  
5) are positioned within a circle, which is formed by means of the external diameters of a bearing (6, 7) of the eccentric shaft (3).

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